Index of Claims

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10/671,227

Examiner

Khanh Tran

Applicant(s)/Patent under Reexamination

VALIO, HARRI

Art Unit

2631

√ Rejected
= Allowed

| - | (Through numeral)<br>Cancelled |
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Restricted

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| _ | Interference |

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| Cla         | aim           | Date     |          |          | Claim Date |  |          |          |          |          |              |          | ) (      | Claim Date |             |          |  |   |  |         |     |       |            | 7 |                 |          |          |          |          |  |          |           |
|-------------|---------------|----------|----------|----------|------------|--|----------|----------|----------|----------|--------------|----------|----------|------------|-------------|----------|--|---|--|---------|-----|-------|------------|---|-----------------|----------|----------|----------|----------|--|----------|-----------|
|             |               |          |          |          |            | Ţ <u>~``</u>                                     | Ī        |          |          | $\neg$   | - <u>-</u> - |          |          |            | $\Box$      | Ť        | Ť  | T   | T  | T       | 1 1 |       |            |   | <u> </u>        | $\neg$   | ΠĪ       |          |          | T  | _        | $\exists$ |
| Final       | Original      | 8/19/05  |          |          |            |  |          |          |          |          | Final        | Original |          |            |             |          |  |   |  |         |     | Final | Original   |   |                 |          |          |          |          |  |          |           |
|             | 1             |          |          |          | _          | <del>                                     </del> |          |          |          | $\neg$   | -            | 51       |          |            | $\neg$      | 一        |  | $\top$  | $\top$   | 1       | 1 1 |       | 101        |   | Н               |          |          |          |          |  |          |           |
|             | 2             | -        | -        |          |            | $\vdash$   |          | $\vdash$ |          | $\dashv$ |              | 52       |          | Н          | $\dashv$    | $\dashv$ |  | 十   | +  |         | 1 1 |       | 102        |   | Н               | $\neg$   | $\dashv$ |          | $\dashv$ | $\dashv$                                 | ヿ        | -         |
| -           | 3             | -        |          |          |            | $\vdash$   | $\vdash$ | -        | H        | $\dashv$ |              | 53       | Н        | Н          | -           | _        | $\dashv$                                       | +   | +  | +       | 1   |       | 103        |   | Н               | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$                                 | ┪        | _         |
| <del></del> | 4             | _        |          |          | $\vdash$   | -  | -        | -        |          | $\dashv$ |              | 54       | $\vdash$ | Н          |             | -        | $\dashv$                                       | +   | +  | +       | 1 1 |       | 104        |   | Н               | $\dashv$ | $\dashv$ |          |          | $\dashv$                                 | $\dashv$ | _         |
|             | 5             | -        | _        |          |            | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$ |              | 55       |          | $\vdash$   | $\dashv$    | $\dashv$ | -  |   | +  |         | 1   |       | 105        |   | $\vdash$        | $\dashv$ | $\dashv$ |          |          | $\dashv$                                 | -        | -         |
|             | 6             |          |          |          |            | $\vdash$   |          | $\vdash$ | $\vdash$ |          |              | 56       | -        | Н          | $\dashv$    | -+       | +  | +   | +  | +-      | 1   |       | 106        |   | $\vdash$        | $\dashv$ | $\dashv$ |          | -        | $\dashv$                                 | -        | _         |
| <u> </u>    | 7             | -        |          |          |            | $\vdash$   |          |          | $\vdash$ |          |              | 57       | $\vdash$ | $\vdash$   | $\dashv$    | $\dashv$ | +  | +   | -+   |         | 1   |       | 107        |   | $\vdash$        | $\dashv$ | -        |          | -        | $\dashv$                                 | -        | -         |
|             | $\overline{}$ | -        |          |          |            |  |          |          | $\vdash$ |          | -            | 58       |          |            | $\dashv$    | $\dashv$ | $\dashv$                                       | +   | +  | +       | 1   |       | 108        |   | $\vdash$        | $\dashv$ | $\dashv$ |          |          | $\dashv$                                 |          |           |
| <b> </b> -  | 8<br>9        |          | _        | $\vdash$ | _          | $\vdash$   | $\vdash$ | H        | $\vdash$ |          | <u> </u>     | 59       |          |            |             | $\dashv$ | -  | $\dashv$  |  |         | 1   |       | 109        | _ | Н               |          |          | _        |          |  | $\dashv$ | $\dashv$  |
| <b> </b> -  |               |          | _        | $\vdash$ |            | ├  | $\vdash$ | H        |          | _        | -            |          | Н        | -          |             | $\dashv$ |  | +   | +  | -       | 1 1 |       | 110        |   | $\vdash\vdash$  | $\dashv$ | $\dashv$ |          | $\vdash$ | $\dashv$                                 |          | _         |
|             | 10            |          |          |          |            |  |          | _        |          |          |              | 60       |          | $\vdash$   | -           |          | -  | -   | +  | +       | 1   |       | 111        |   | $\vdash$        |          | -        |          |          | -  | -        | _         |
|             | 11            |          |          |          |            |  | -        | -        | _        |          | -            | 61       |          | $\vdash$   |             | -        | -+   | +   | +  |         | 1 1 |       | 112        |   | $\vdash$        | $\dashv$ |          |          | $\dashv$ | $\dashv$                                 | -        | -         |
|             | 12            | $\vdash$ | _        | Н        | $\vdash$   | <del> </del>                                     | <u> </u> |          | $\vdash$ | $\dashv$ | -            | 62       | $\vdash$ | Н          | -           |          |  | +   | +  | +       | 1   |       |            |   | ┝╼┤             |          | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$                                 | $\dashv$ | $\dashv$  |
| <u> </u>    | 13            | ├        | _        | $\vdash$ | -          | $\vdash$   | $\vdash$ | $\vdash$ | Н        | $\dashv$ |              | 63       | $\vdash$ | $\vdash$   | $\vdash$    | $\dashv$ | +  | +   | +  |         | 1   |       | 113<br>114 |   | $\vdash \vdash$ | -        | $\vdash$ |          | -        |  | -        | $\dashv$  |
| _           | 14            | ├        | <u> </u> |          | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | Н        | $\dashv$ | -            | 64<br>65 | $\vdash$ | $\vdash$   |             | $\dashv$ | +  | +   | +  | +       | 1   |       | 115        |   | $\vdash \vdash$ | -        | $\vdash$ |          |          |  | $\dashv$ | $\dashv$  |
|             | 15            |          |          |          |            |  | $\vdash$ | L        |          |          |              |          | -        |            | $\dashv$    | -        |  | +   | +  |         | 1   |       |            | _ | $\vdash \vdash$ | $\dashv$ | -        |          |          |  | $\dashv$ | ᅴ         |
|             | 16            |          | _        |          | _          | ├  |          | -        | Щ        |          | -            | 66       | $\vdash$ |            | _           | -        | _  | +   | +  | +       | 1   |       | 116        |   | ┞─┤             |          |          |          | -        | $\dashv$                                 | $\dashv$ | $\dashv$  |
|             | 17            |          |          |          |            | -  |          | _        |          |          | -            | 67       |          | Ш          | -           |          | -  | +   | +  | _       | 1 1 |       | 117        |   | $\vdash$        | -        |          |          |          | -  | -        | $\dashv$  |
|             | 18            |          |          |          |            |  |          | <u> </u> | Ш        |          |              | 68       |          |            | _           |          |  | 4   | +  | _       | 4   |       | 118        |   |                 |          | -        |          |          | $\dashv$                                 | -        | ႕         |
|             | 19            | _        |          | _        |            |  |          |          |          |          | ļ            | 69       | Щ        |            |             | _        |  | _   | 4  |         | .   |       | 119        |   | $\square$       | _        |          |          |          | -  | _        | ᅴ         |
|             | 20            |          |          | _        |            | _  |          |          |          |          | -            | 70       | _        |            | $\Box$      | _        |  | 4   | 4  | _       | . I |       | 120        |   | Ш               | _        |          |          |          | _  | _        | _         |
|             | 21            |          |          |          |            |  | <u> </u> | _        |          |          |              | 71       |          |            |             | _        | _  | _   | 4  | _       | .   |       | 121        | _ |                 | _        |          |          |          | $\dashv$                                 | _        | _         |
|             | 22            | _        | _        |          |            | Ш  |          |          |          | _        | ļ            | 72       |          |            |             |          |  | 1.  | 4  |         | 1 1 |       | 122        |   | Ш               | 4        |          |          | $\dashv$ | _  |          | _         |
|             | 23            |          |          |          |            |  |          |          |          | _        |              | 73       |          | Ш          | $\Box$      | _        |  | _   | 4  | _       | 1   |       | 123        |   |                 | _        |          |          |          | _  | _        | _         |
|             | 24            |          |          |          |            |  |          |          |          | _        |              | 74       |          |            |             | _        | _  | $\perp$   | $\perp$  |         | 1 1 |       | 124        |   |                 | _        |          |          |          |  | _        |           |
|             | 25            | ✓        |          |          |            |  |          |          |          | _        | L            | 75       |          | Ш          |             |          |  | 4   | 4-   |         |     |       | 125        |   |                 |          |          |          |          |  | _        | _         |
|             | 26            | √        | _        |          |            |  |          |          |          |          |              | 76       |          |            |             |          |  |   | $\perp$  |         | 1 1 |       | 126        |   |                 | _        |          |          |          | _  | _]       |           |
|             | 27            | ✓        |          |          |            |  |          |          |          |          |              | 77       |          |            |             |          | _  | _   | 4  |         | ]   |       | 127        |   |                 | _        | Ц        |          |          | _  | _        | _         |
|             | 28            | ✓        |          |          |            |  |          | L.       |          | _        |              | 78       |          |            |             |          | _  | _   | $\perp$  |         | ]   |       | 128        |   | Щ               |          |          |          |          | $\perp$                                  | _        | _         |
|             | 29            | ✓        |          |          |            |  |          |          |          |          |              | 79       |          |            |             | _        | $\perp$  | $\perp$   | ᆚ  |         | 1 1 |       | 129        |   |                 |          |          |          |          | $\perp$                                  | _        |           |
|             | 30            | √        |          |          |            |  |          |          |          |          | <u> </u>     | 80       |          |            |             |          |  | $\perp$   | $\perp$  |         | ]   |       | 130        |   | Ш               |          |          |          |          | $ \bot $                                 | _        |           |
|             | 31            | √        |          |          |            |  |          |          |          |          |              | 81       |          |            |             |          | $\perp$  | $\perp$   | ᆚ  |         | ]   |       | 131        |   |                 |          |          |          |          |  |          |           |
|             | 32            | √        |          |          |            | <u> </u>   |          |          |          |          |              | 82       |          |            |             |          |  | $\perp$   |  |         | 1 1 |       | 132        |   |                 | _        |          |          |          |  |          |           |
|             | 33            | √        |          |          |            |  |          | L        |          |          |              | 83       |          |            |             |          |  |   |  |         | ]   |       | 133        |   |                 |          |          |          |          |  | _        |           |
|             | 34_           | ✓        |          |          |            |  |          |          |          |          |              | 84       |          |            |             | _        |  | $\perp$   | $\perp$  | $\perp$ | 1 1 |       | 134        |   | Ш               |          |          |          |          | _  | _        |           |
|             | 35            | L_       | L        |          |            | L  |          |          | Ш        |          |              | 85       |          | Ш          |             |          | _ _  | _   |  |         | 1   |       | 135        |   | Ш               |          |          |          |          |  | _        |           |
|             | 36            |          |          |          |            |  |          |          |          |          |              | 86       |          |            |             |          | $\perp$  |   |  | $\bot$  | ]   |       | 136        |   | Ш               |          |          |          |          |  |          | ]         |
|             | 37            |          |          |          |            |  |          |          |          |          |              | 87       |          |            | $\_ oxed{}$ |          |  | $\perp$   | $\perp$  |         | ] [ |       | 137        |   | Ш               | _]       |          |          |          |  |          |           |
|             | 38            |          |          |          |            |  |          |          |          |          |              | 88       |          |            |             |          | $\Box$   |   | $\prod$  |         | ] [ |       | 138        |   | Ш               |          |          |          |          |  |          |           |
|             | 39            |          |          |          |            |  |          |          |          |          |              | 89       |          |            |             |          | $\Box$   |   | $\prod$  |         | ] [ |       | 139        |   |                 | ]        |          |          |          |  |          |           |
|             | 40            |          |          |          |            |  |          |          |          |          |              | 90       |          |            | T           | _]       | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ |         |     |       | 140        |   |                 |          |          |          |          | $ \_                                   $ |          |           |
|             | 41            |          |          |          |            |  |          |          |          |          |              | 91       |          |            | [           | $\Box$   | $\Box$   | $oxed{oxed}$  | $oldsymbol{\mathbb{I}}$                        |         |     |       | 141        |   |                 |          |          |          |          | $\Box$                                   | $\Box$   |           |
|             | 42            |          |          |          |            |  |          |          |          |          |              | 92       |          |            |             | $\Box$   |  | $\Box$  | $\prod$  |         | ] [ |       | 142        |   | Ш               |          |          |          |          | $\Box$                                   |          |           |
|             | 43            |          |          |          |            |  |          |          |          |          |              | 93       |          |            | $\Box$      |          | $oldsymbol{\bot}$                              | $oldsymbol{ol}}}}}}}}}}}}}}$  | $oxed{oxed}$                                   |         | ] [ |       | 143        |   | Ш               |          |          |          |          | $\Box$                                   |          |           |
|             | 44            |          |          |          |            |  |          |          |          |          |              | 94       |          |            |             |          | $\Box$   |   | Ι  |         | ] [ |       | 144        |   |                 |          |          |          |          | J  | J        |           |
|             | 45            |          |          |          |            |  |          |          |          |          |              | 95       |          |            |             | $\Box$   |  |   | Ī  |         |     |       | 145        |   |                 |          |          |          |          |  | J        |           |
|             | 46            |          |          |          |            |  |          |          |          | $\neg$   |              | 96       |          |            |             |          |  | $\top$  | Т  |         | ] [ |       | 146        |   |                 |          |          |          |          | П  |          |           |
|             | 47            |          |          |          |            |  |          |          |          |          |              | 97       |          |            | $\Box$      | $\Box$   | T  |   | Ţ  |         |     |       | 147        |   |                 |          |          |          |          |  | $\Box$   |           |
|             | 48            |          |          |          |            |  |          |          |          |          |              | 98       |          |            |             |          | Ţ  |   | I  |         | ] [ |       | 148        |   |                 |          |          |          |          |  |          |           |
|             | 49            |          |          |          |            |  |          | П        |          |          |              | 99       |          |            |             |          |  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | Ι  |         |     |       | 149        |   |                 |          |          |          |          |  |          |           |
|             | 50            |          |          |          |            |  |          |          |          |          |              | 100      |          |            | $\neg$      | T        | T  | Т   |  |         | Ιİ  |       | 150        |   |                 |          |          |          |          |  |          |           |